

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010824

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ C12N15/00, C08G69/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl.⁷ C12N15/00, C08G69/48

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CA (STN), REGISTRY (STN), MEDLINE (STN), BIOSIS (STN), WPDS (STN),
JICST FILE (JOIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Aki SAKURAI et al., "DNA-sa Kokan Hanno ni Okeru Jinko Kakusan Chaperone no Kino Hyoka", Polymer preprints, Japan, 2003, Vol.52, No.13, pages 3722 to 3723	1-14
Y	KIM WJ et al., "Comb-type cationic copolymer expedites DNA strand exchange while stabilizing DNA duplex.", Chem.Eur.J., 2001, Vol.7, No.1, p.176-80	1-14
Y	KIM WJ et al., "DNA strand exchange stimulated by spontaneous complex formation with cationic comb-type copolymer.", J.Am.Chem.Soc., 2002, Vol.124, No.43, p.12676-7	1-14

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document relating to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
27 October, 2004 (27.10.04)

Date of mailing of the international search report
16 November, 2004 (16.11.04)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010824

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	TAJIMA K et al., "Simple Basic Peptides Activate DNA Strand Exchange.", Chemistry Letters, 2003, Vol.32, No.5, pages 470 to 471	1-14
Y	TAJIMA K et al., "Acceleration of DNA strand exchange reaction by cationic polymers.", Nucleic Acids Research Suppl., 2002, Vol.2, Twenty-nin, pages 265 to 266	1-14

BEST AVAILABLE COPY